

### **Remarks**

Reconsideration is requested in view of the preceding amendments and the following remarks. Upon entry of this Amendment, claims 6, 15-17, and 29 are in the application.

New claim 29 is submitted for consideration and includes features and combination of features similar to those of cancelled claims 1-4.

### **Objected to Claims**

Claim 5, 6, and 16 were indicated as allowable if amended to recite the features of their base claims and any intervening claims. New claim 29 corresponds to claim 5 amended in this manner, and claim 16 is amended to include the features of claim 14 from which it depended prior to this amendment. Claims 15 and 17 are amended to depend from claim 16, and claim 6 is amended to depend from new claim 29. In view of these amendments, claims 6, 15-17, and 29 are in condition for allowance.

### **Rejections under 35 U.S.C. §112, 2d paragraph**

Claims 2, 9, 11, and 17-18 stand rejected as allegedly indefinite for reciting “about 90 degrees.” Claims 2, 11, and 18 are cancelled so that this rejection is moot. Amended claim 17 and new claim 29 recite “in-phase” and “quadrature” signals as described in the specification at,

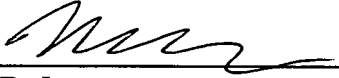
for example, page 13, lines 1-11 instead of "about 90 degrees." In view of this amendment, withdrawal of this rejection is requested.

Respectfully submitted,

KLARQUIST SPARKMAN, LLP

One World Trade Center, Suite 1600  
121 S.W. Salmon Street  
Portland, Oregon 97204  
Telephone: (503) 595-5300  
Facsimile: (503) 595-5301

By

  
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Michael D. Jones  
Registration No. 41,879